

CHAPTER TWELVE

REAR AXLE, SUSPENSION AND FINAL DRIVE

This chapter contains repair and replacement procedures for the rear wheels, rear axle, suspension and final drive unit.

Rear suspension specifications are listed in **Table 1** and torque specifications in **Table 2**. **Table 1** and **Table 2** are at the end of this chapter.

WARNING

Self-locking nuts are used to secure some of the rear suspension components. Honda recommends discarding all self-locking nuts once they have been removed. The self-locking portion of the nut is weakened once the nut has been removed and will no longer properly lock onto the mating threads. Always install new self-locking nuts. Never reinstall a used nut once it has been removed.

REAR WHEELS

Refer to **Figure 1**.

Removal/Installation

NOTE

*The tire tread on the original-equipment tires is directional and must be installed on the correct side of the ATV. The tire is marked with an arrow to indicate forward rotation (**Figure 2**).*

1. Park the ATV on level ground and set the parking brake. Block the front wheels so the ATV cannot roll in either direction.
2. If the tires are not equipped with a mark to indicate forward rotation, identify the rear tires with an L (left side) or R (right side) mark. Refer to these marks to install the wheels on the correct side.
3. Loosen the wheel nuts (**Figure 3**) securing the wheel to the hub/brake drum.
4. Jack up the rear of the ATV so the rear wheel(s) is off the ground. Support the vehicle with safety stands or wooden blocks in the event the jack fails.

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